

Design and Implementation of A Student Online Voting System

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1 ABSTRACT

The word "Vote" means to express one's preference for a candidate from a list, to elect or to determine. In most current voting systems used by students, voting is performed by using a ballot paper and thumbprint. This is a time consuming process and involves manual effort. It might also lead to the possibility of invalid votes and unfair results due to rigging. The inconveniences in the manual voting process coupled with academic load and time pressures leads to a problem of general apathy of students towards the election process. Students are not willing to wait in long queues and it usually results in a low student turn out for the elections.

This project aims at creating an online application through which the voting process is made easier. In the system, the administrator can add candidates, upload their pictures and policies. The student registers with their unique student numbers, password and email. On email verification, students will be sent a unique voter ID. At the time of voting the student logs-in with the unique voter ID. This prevents impersonation and multiple voting from one student. The students can then view the results of the election.